PTO/SB/05 (08-03)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE

UTILITY PATENT APPLICATION

Attorney Docket No.	501.43575X00
First Inventor	SUZUKI, KATSUYOSHI
Title	CONNECTION SUPPORT METHOD FOR DISK ARRAY DEVICE

TRANSMIT	CONNECTION SUPPORT METHOD FOR DISK							
(Only for any analysis and analysis as	dor 27 CEB 4 E2(b))	Title		ARRAY DE	EVICE		-	
(Only for new nonprovisional applications	under 37 CFR 1.53(b))	Express M	ail Label No	<u> </u>			<u> </u>	
APPLICATIO SEE MPEP chapter 600 concerning	ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450							
(Submit an original and a dup. 2. Applicant claims small entity since 37 CFR 1.27. 3. Specification (preferred arrangement set for 1.25). Specification (preferred arrangement set for 1.25). Specification (preferred arrangement set for 1.25). Statement Regarding Fed spond of the Invention or a computer program listing 1.25. Background of the Invention 1.25. Brief Summary of the Invention 1.25. Brief Description of the Draw 1.25. Detailed Description 1.25. Abstract of the Disclosure 1.25. Oath or Declaration 1.25. Oath or Declaration 1.25. Copy from a prior application (for continuation/divisional 1.25. DELETION OF 1.25. Signed statement atta Named in the prior application in 1.25. Signed statement atta 1.25. Signed stat	Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Applicant claims small entity status. See 37 CFR 1.27. Specification [Total Pages: 39] (preferred arrangement set forth below) -Descriptive title of the invention -Cross Reference to Related Applications -Statement Regarding Fed sponsored R & D -Reference to sequence listing, a table, or a computer program listing appendix -Background of the Invention -Brief Description of the Drawings (if filed) -Detailed Description -Claim(s) -Abstract of the Disclosure Drawing(s) (35 U.S.C. 113) [Total Sheets: 16] Oath or Declaration [Total Sheets:] Newly executed (original or copy) Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) Named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)					arge table or ce Submission pipies); or above copies CATION PART: A documents(s)) Power of Atto Copies of ID: Copies of ID: Stredit Card Pay a preliminary a	orney S Citations 35	
Continuation Example:	Continuation Divisional Continuation-in-part (CIP) of prior application No.:							
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.								
19. CORRESPONDENCE ADDRESS								
Customer Number 02045	7				OR C	orrespondence ad	Idress below	
Name ANTONEL	LI, TERRY, STOUT & KI	RAUS, LLF	•					
Address						i		
City		State Telephone			Zip Code			
Country	(703) 312-6600		Fax	(703) 312-666	<u> </u>			
Name (Print/Type) Carl I. Brundi	dge	l	Registration No. (Attorney/Agent)	29,621	 	
Signature					Date	MARCH 4, 20	04	

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

က္							Complete if Known						
۲ بو⊏	S FEE TRANSMITTAL				A	Application Number							
1 1				Filing Date			March 4, 200	March 4, 2004					
○ for FY 2004				First Named Inventor				SUZUKI, KATSUYOSHI					
			_	Examiner Name									
Effective 10/01/2003. Patent fees are subject to annual revision.				Examiner Name									
☐ Applicar	nt claims	small -	entity status. See 37 C	FR 1.27	Α	Art Unit							
TOTAL AN	O TNUO	F PA	YMENT (\$)	770.00	A	ttorney	/ Docke	t No.	501.43575X0	0			
М	ETHOD (F PA	YMENT (check all that	apply)				FI	EE CALCULATIO	N (continued)			
☐ Check	⊠ Cre				2 1	DDITIO	DNAL F	EES			-		
	_		Order		3. A	יווטט	JNAL P	·EES					
🛭 Deposit A													
Deposi Accoun		01-213	15		Large	Entity .	Small E	ntity					
Numbe		J 1-2 13	55		<u> </u>			<u> </u>				Fee Paid	
Deposi				.,	Fee	Fee (\$)	Fee Code	Fee (\$)	Fee Descrip	tion			
Accour Name	nt Anton	elli, Te	erry, Stout & Kraus, LLP		Code 1051	(₽) 130	2051	65	Surcharge – late filir				
	is authori	zed to	: (check all that apply)		1052	50	2052	25	Surcharge - late pro	visional filing fee	or		
			low Credit any overp	ayments	,332	55	****	20	cover sheet				
⊠ Charge a	nv addition	al fee(s) during the pendency of	this application	1053	130	1053	130	Non-English specific	ation			
Charge a	ny addition	ai icc(s, during the periodicity of	ино арриосиот.	1812	2,520	1812	2,520	For filing a request f	or <i>ex par</i> te reexan	nination		
			low, except for the filing sit account.	fee	1804	920*	1804	920*		on of SIR prior to			
to the above	a-identifie		CALCULATION		1805	1,8401	1805	1 8/0	Examination action *Requesting publicat	ion of SIP after			
4 PASIC	FILING F		OALOGEATION		-11003	1,040	1803	1,040	Examiner action	on or six aite			
	Entity Sm:		itv		1251	110	2251	55	Extension for reply v	vithin first month			
Feel	Fee Fee	Fee	Fee Description	Fee Paid	1252	420	2252	210	Extension for reply v	vithin second mon	th		
	(\$) Cod 770 200	e (\$)	Utility filing fee	770	1253	950	2253	475	Extension for reply v	vithin third month			
		L			1254	1,480	2254	740	Extension for reply v	vithin fourth month	1		
	340 200				1255	2,010	2255	1,005	Extension for reply v	vithin fifth month			
	530 200		Plant filing fee		1401	330	2401	165	Notice of Appeal				
	770 200		~		1402	330	2402	165	Filing a brief in supp	ort of an appeal			
1005	160 200	5180	Provisional filing fee		1403	290	2403	145	Request for oral hea				
			SUBTOTAL (1)		1451	1,510	1451		Petition to institute a	-	edina		
				770	1452	110	2452	55	Petition to revive - u				
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Fee from			1453	1,330	2453	665	Petition to revive - u						
		xtга С	_	ee Paid	1501	1,330	2501	665	Utility issue fee (or r				
Total Claims		** = 0		0	1502	480	2502	240	Design issue fee	,			
Indep.		- = 0		0	1503	640	2503	320	Plant issue fee				
Claims					1406	130	1460	130	Petitions to the Com	missioner			
Multiple Depe	endent		=	0	1807	50	1807	50	Processing fee unde				
Large Entity	Small En	ity			1806	180	1806	180	Submission of Inforr	,	Stmt		
Fee Fee		ee \	Fee Description		8021	40	8021	40	Recording each pate				
Code (\$) 1202 18)	Claims in excess of 20		1		""	75	property (times num				
1201 86		3	Independent claims in exc	ess of 3	1809	770	2809	385	Filing a submission		า		
1203 290	2203 1	15	Multiple dependent claim,	if not paid					(37 CFR § 1.129(a))				
1204 86	2204 4	3	** Reissue independent cla	aims	1810	770	2810	385	For each additional examined (37 CFR)				
1205 18	2205)	over original patent ** Reissue claims in exces	s of 20	1801	770	2801	385			RCE)		
1200 10	2203	,	and over original pater			900	1802	900	Request for expedit	•	,		
I			SUBTOTAL (2) \$ 0						of a design applicati				
L	I				Other	fee (spe	ecify) _		_				
**or number p	previously p	aid, if g	greater: For Reissues, see al	bove.				·	 . n-:-	CUDTOTAL "	o) (#)		
L				-	Redu	iced by	Basic Fil	ing Fee	Paid	SUBTOTAL (o) (\$)	0	
SUBMITTED	BY								Complete (if app	licable)			
	<u>-</u> .	Т			Registr	egistration No.							
Name (Print/	Туре)	Car	II. Brundidge			y/Agen		29,6	21	Telephone	703-312-6	600	
		1									I		

SUBMITTED BY		Complete (if ap							
Name (Print/Type)	Carl I. Brupdidge	Registration No. (Attorney/Agent)	29,621	Telephone	703-312-6600	-			
Signature				Date	03/04/04				

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450